



TROPICAL CYCLONE BULLETIN NO. 9

Tropical Storm ROSAL (PAKHAR)

Issued at 11:00 AM, 12 December 2022

Valid for broadcast until the next bulletin at 5:00 PM today

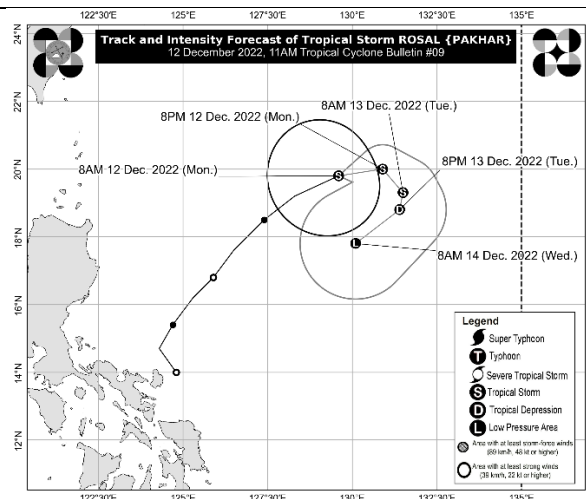
“ROSAL” ACCELERATES EAST NORTHEASTWARD WHILE MAINTAINING ITS STRENGTH

Location of Center (10:00 AM):
 The center of Tropical Storm ROSAL was estimated based on all available data at **860 km East of Extreme Northern Luzon (20.0°N, 130.2°E)**

Intensity:
 Maximum sustained winds of **85 km/h** near the center, gustiness of up to **105 km/h**, and central pressure of **994 hPa**

Present Movement:
East northeastward at 25 km/h

Extent of Tropical Cyclone Winds:
Strong to gale-force winds extend outwards up to **220 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 12 December 2022	20.0	130.9	935 km East of Extreme Northern Luzon	75	TS	E 10
24-Hour Forecast 8:00 AM 13 December 2022	19.3	131.5	1,055 km East of Extreme Northern Luzon	65	TS	SE 10
36-Hour Forecast 8:00 PM 13 December 2022	18.8	131.4	1,045 km East of Extreme Northern Luzon	55	TD	S Slowly
48-Hour Forecast 8:00 AM 14 December 2022	17.8	130.1	900 km East of Northern Luzon	-	LOW	SW 15

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Tropical Cyclone Wind Signals hoisted at this time.

Prepared by:  **SMRR**

Checked by:  **SFD**



TROPICAL CYCLONE BULLETIN NO. 9

Tropical Storm ROSAL (PAKHAR)

Issued at 11:00 AM, 12 December 2022

Valid for broadcast until the next bulletin at 5:00 PM today

HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

ROSAL is less likely to directly bring heavy rains (which may trigger flooding or rain-induced landslides) in the country throughout the forecast period.

Severe Winds

In the next 24 hours, the surge of the Northeast Monsoon partly enhanced by this tropical storm may bring occasional gusts reaching gale-force over Batanes and strong breeze to near-gale strength over Babuyan Islands, and the coastal and upland areas of Ilocos Norte, northern and eastern Cagayan, and eastern Isabela.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of the surge of the Northeast Monsoon partly enhanced by ROSAL, a **marine gale warning** is in effect over the seaboard of Northern Luzon. For more information, refer to Gale Warning #26 issued at 5:00 AM today.
- In the next 24 hours, the combined effects of the surge of the Northeast Monsoon and the tropical cyclone may also bring **moderate to rough seas** over the seaboard of Central Luzon (1.5 to 3.5 m) and the eastern seaboard of Southern Luzon (1.2 to 3.0 m). These conditions may be **risky for those using small seacrafts**. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Tropical Storm ROSAL is forecast to move east northeastward within the next 6 hours before moving generally eastward for the remainder of today. ROSAL has reached its peak intensity and may begin to weaken this afternoon or tonight.
- By tomorrow, ROSAL will encounter increasingly unfavorable conditions associated with the surge of the Northeast Monsoon, which will result in rapid weakening and a southward to southwestward turn in its direction (as the monsoon surge begins to greatly influence its movement). ROSAL is forecast to become a remnant low tomorrow late evening or on Wednesday early morning before dissipating shortly thereafter.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA

Page 2 of 2

Prepared by:  SMRR

Checked by:  SFD